FIG. 1

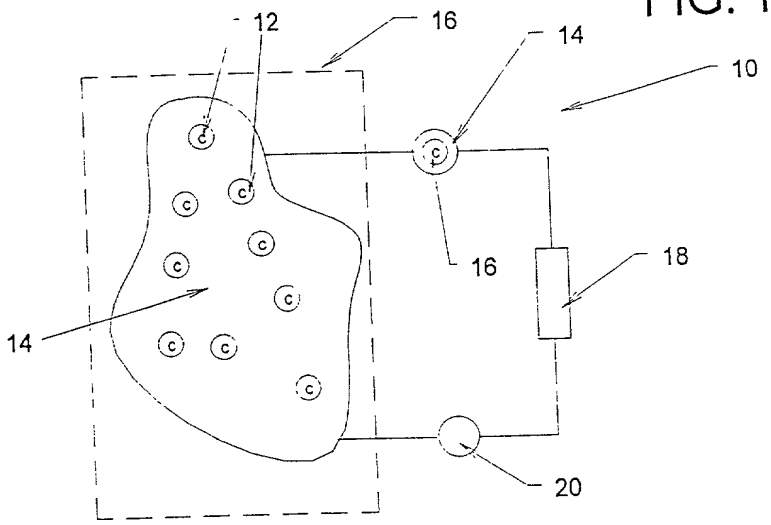


FIG. 2

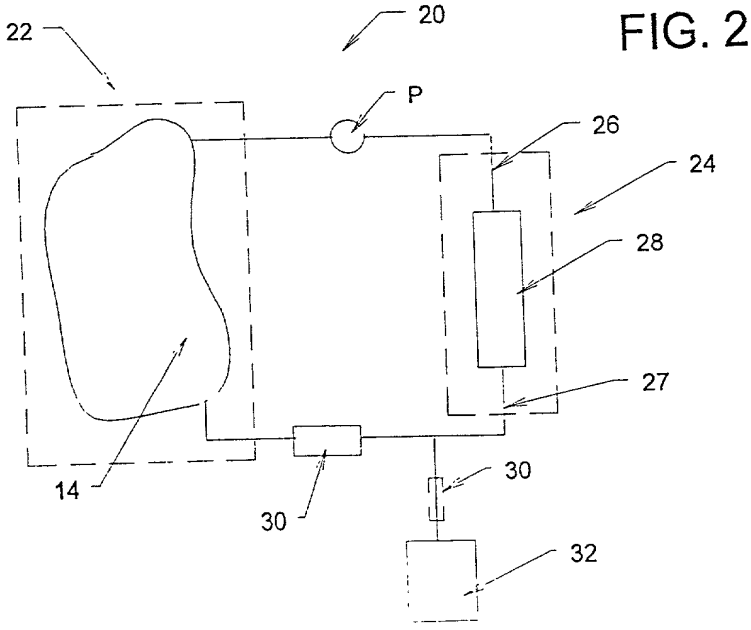


FIG. 3

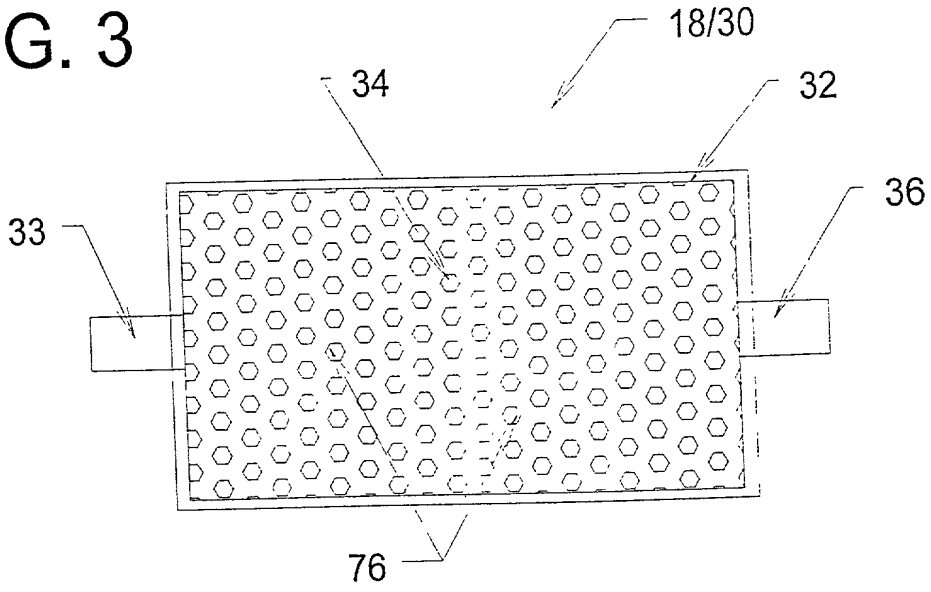


FIG. 4A

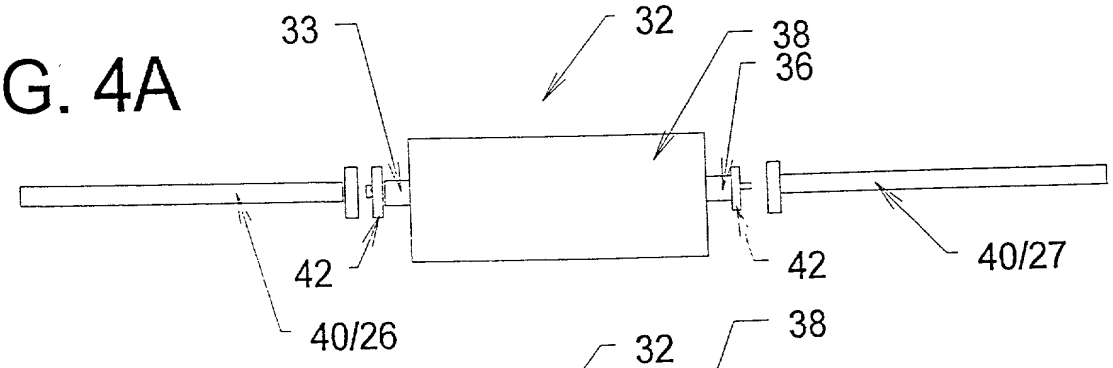


FIG. 4B

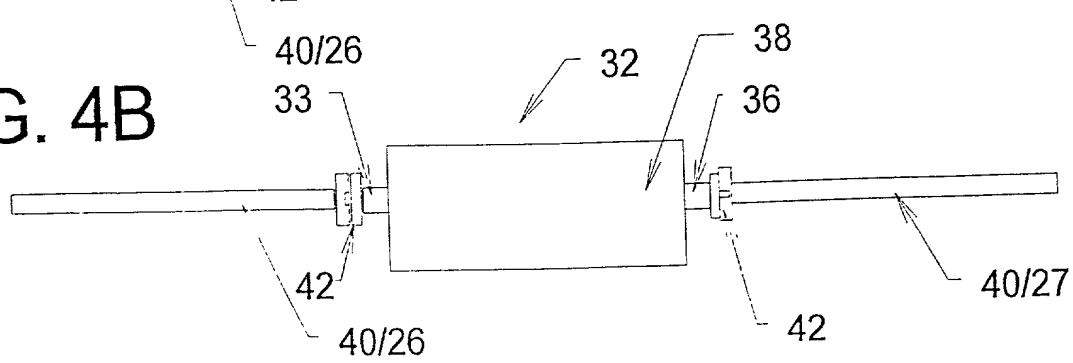


FIG. 5

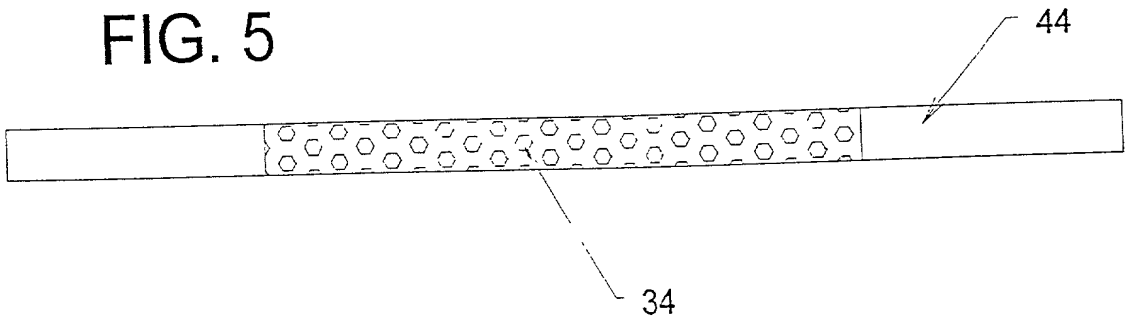


FIG. 6

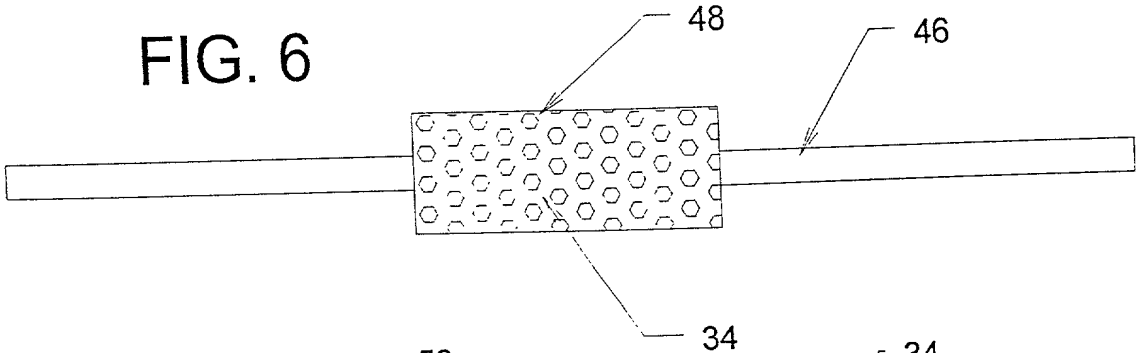


FIG. 7

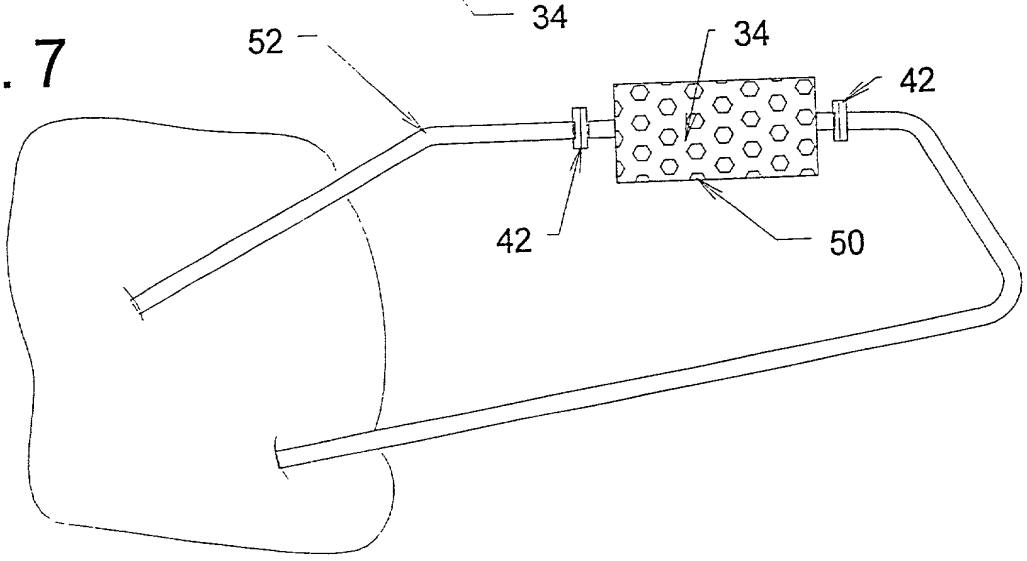


FIG. 8

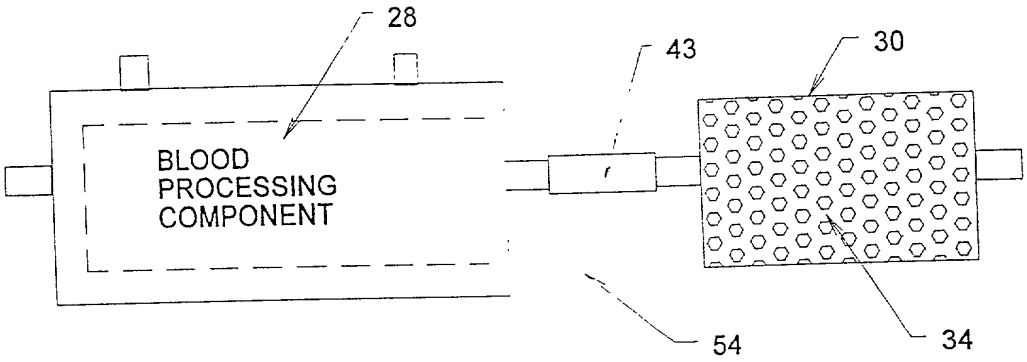


FIG. 9

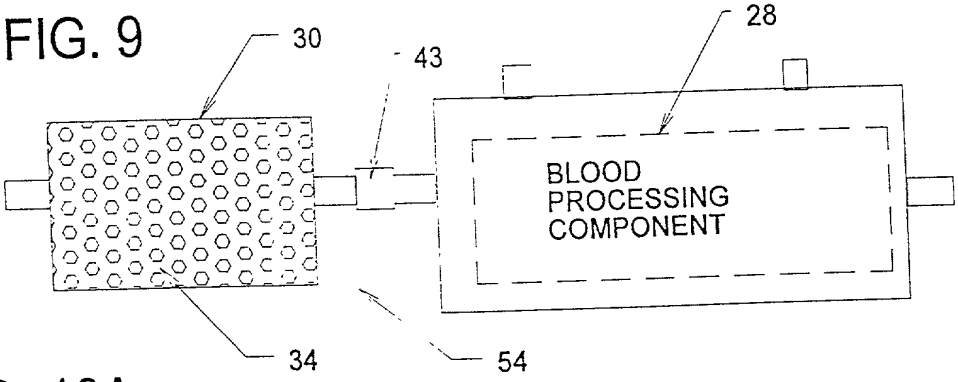


FIG. 10A

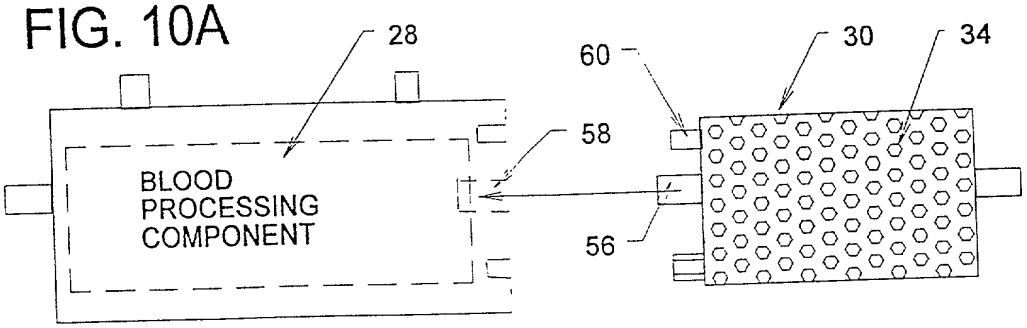


FIG. 10B

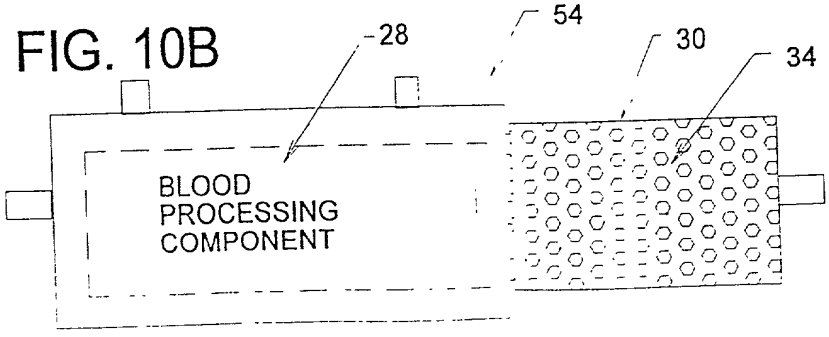


FIG. 11

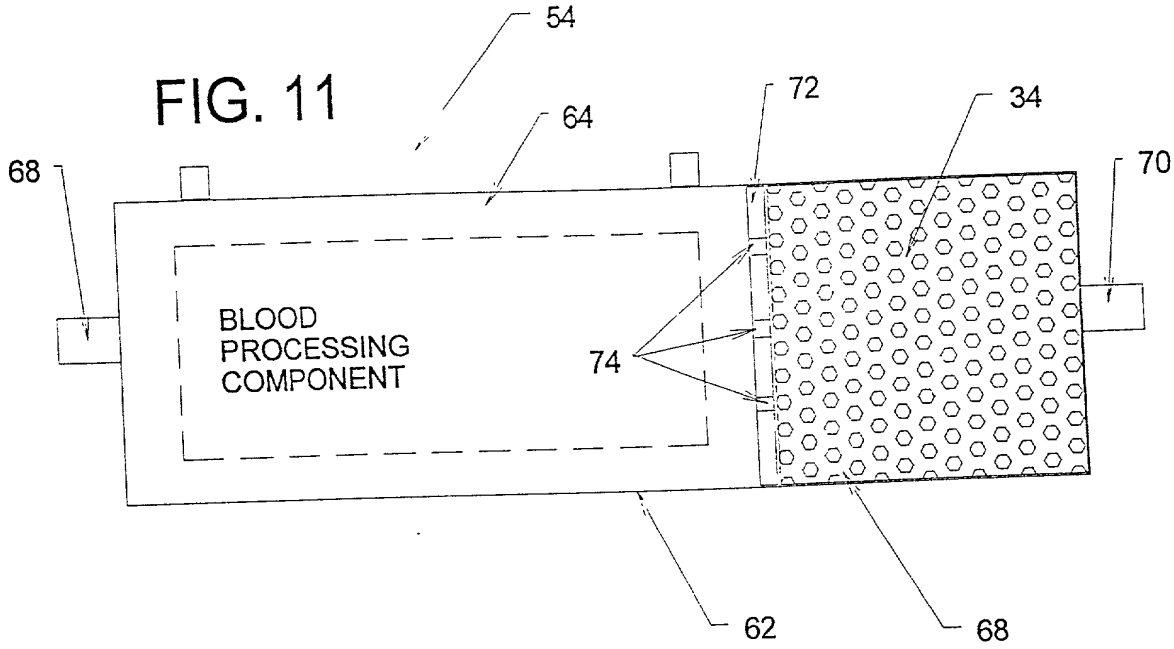


FIG. 12

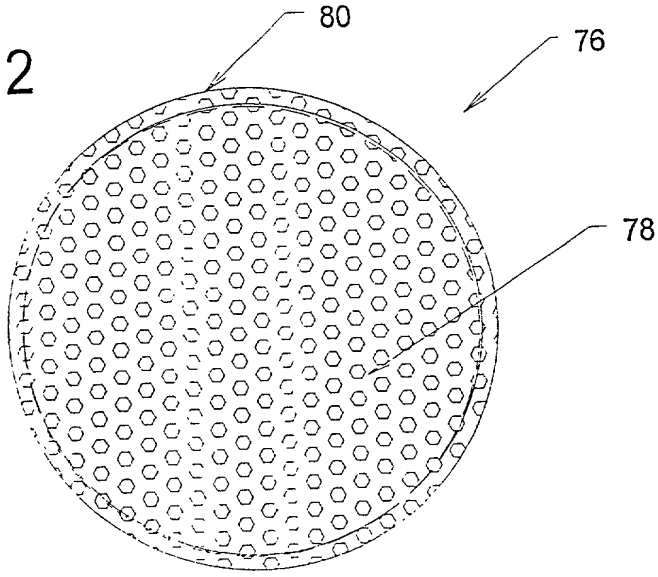


FIG. 13

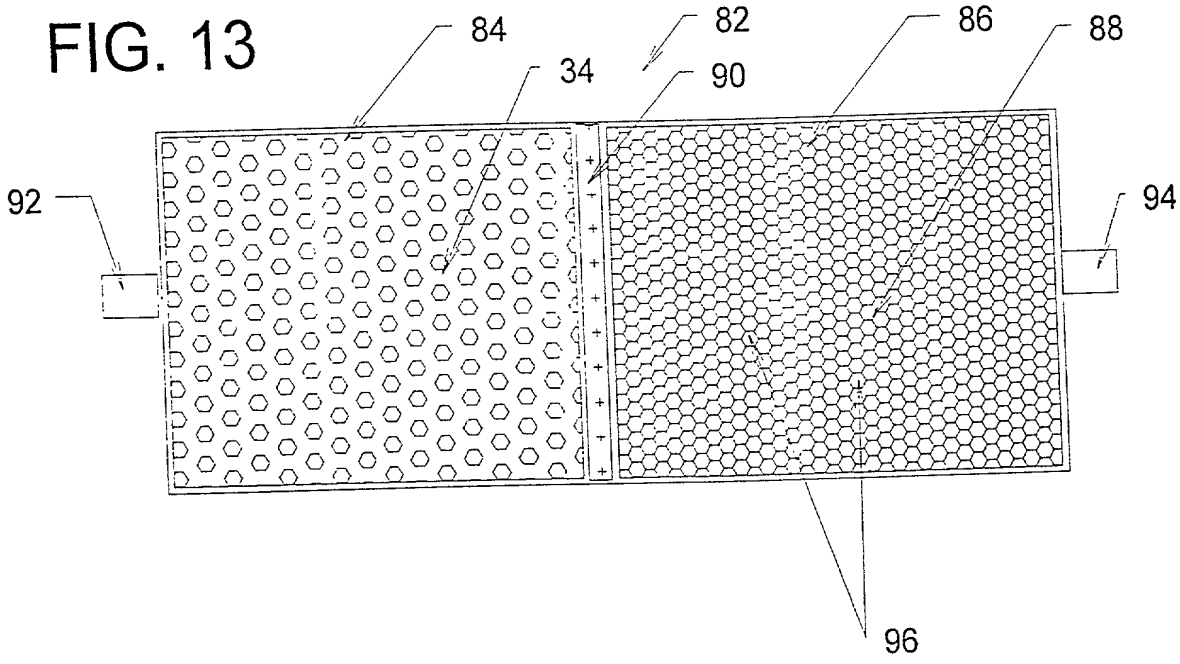


FIG. 14

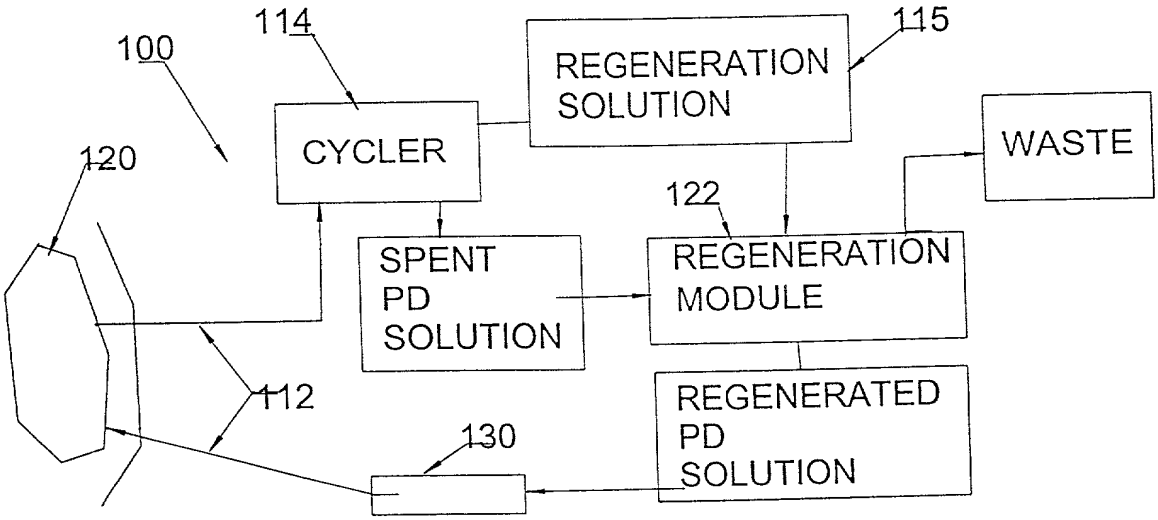
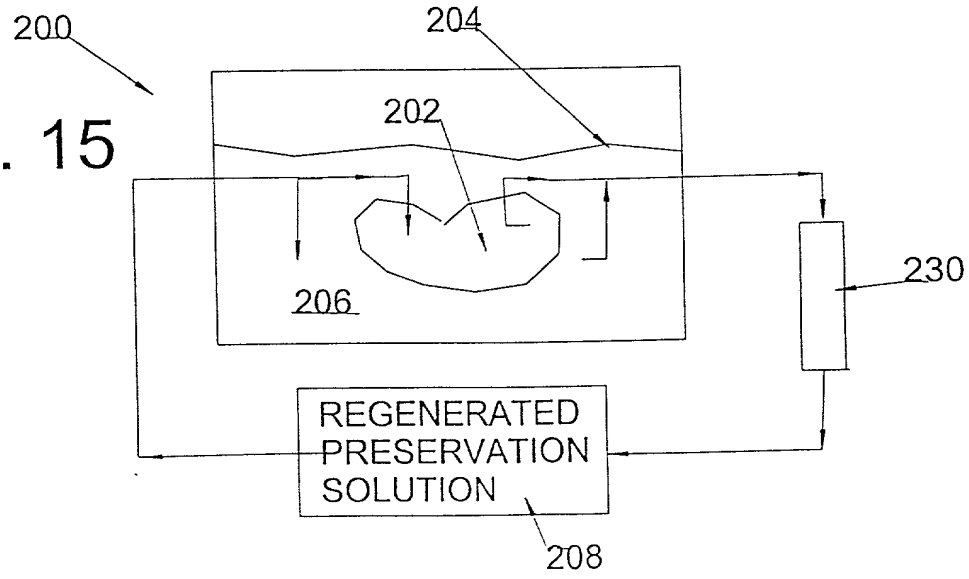

114
100
REGENERATION SOLUTION
115
CYCLER
WASTE
120
122
SPENT PD SOLUTION
REGENERATION MODULE
112
REGENERATED PD SOLUTION
130

FIG. 15


200
204
202
206
230
REGENERATED PRESERVATION SOLUTION
208

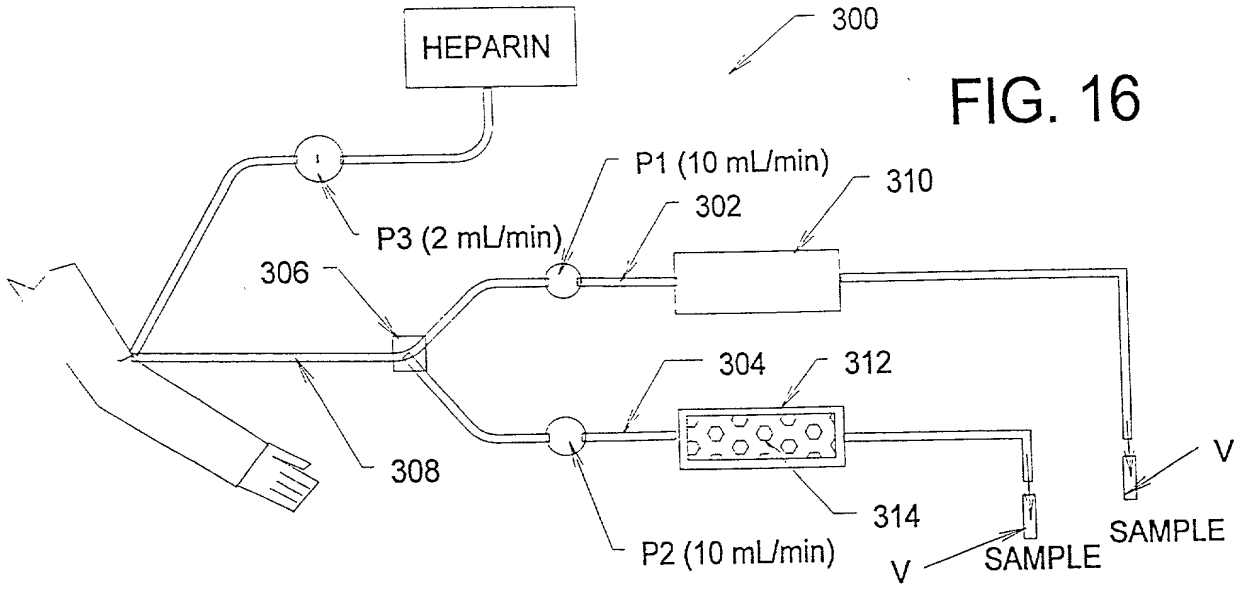


FIG. 16

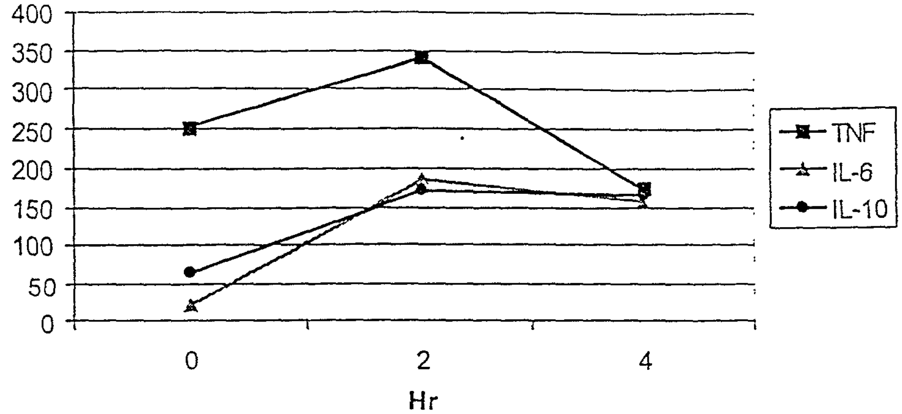


FIG. 17

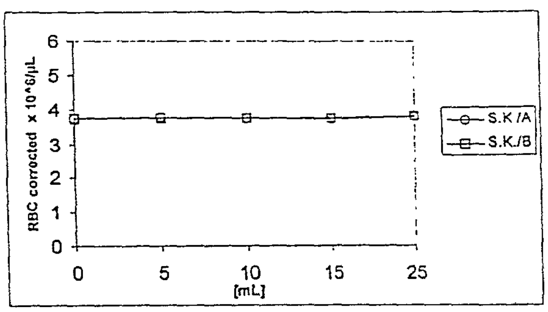


FIG. 19A

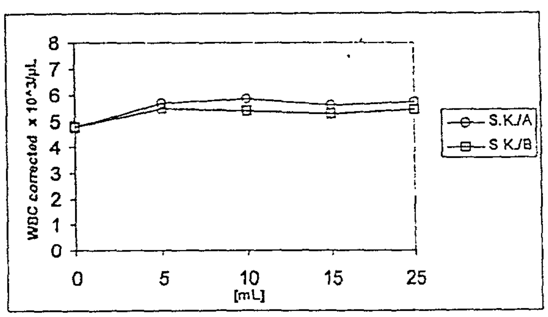


FIG. 19B

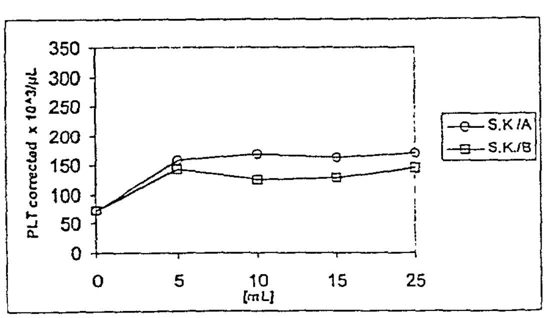


FIG. 19C

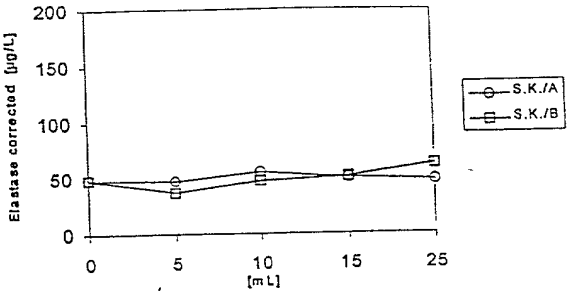


FIG. 19

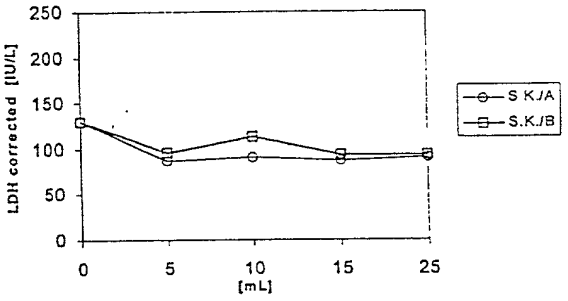


FIG. 20

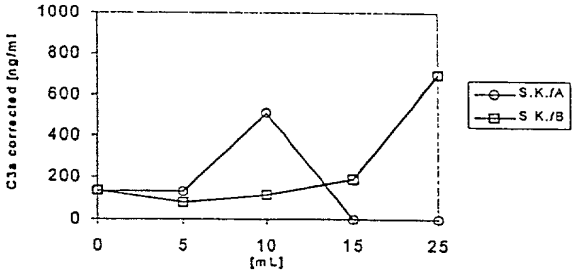


FIG. 21

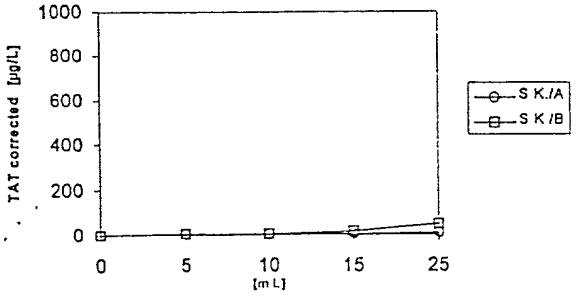


FIG. 22

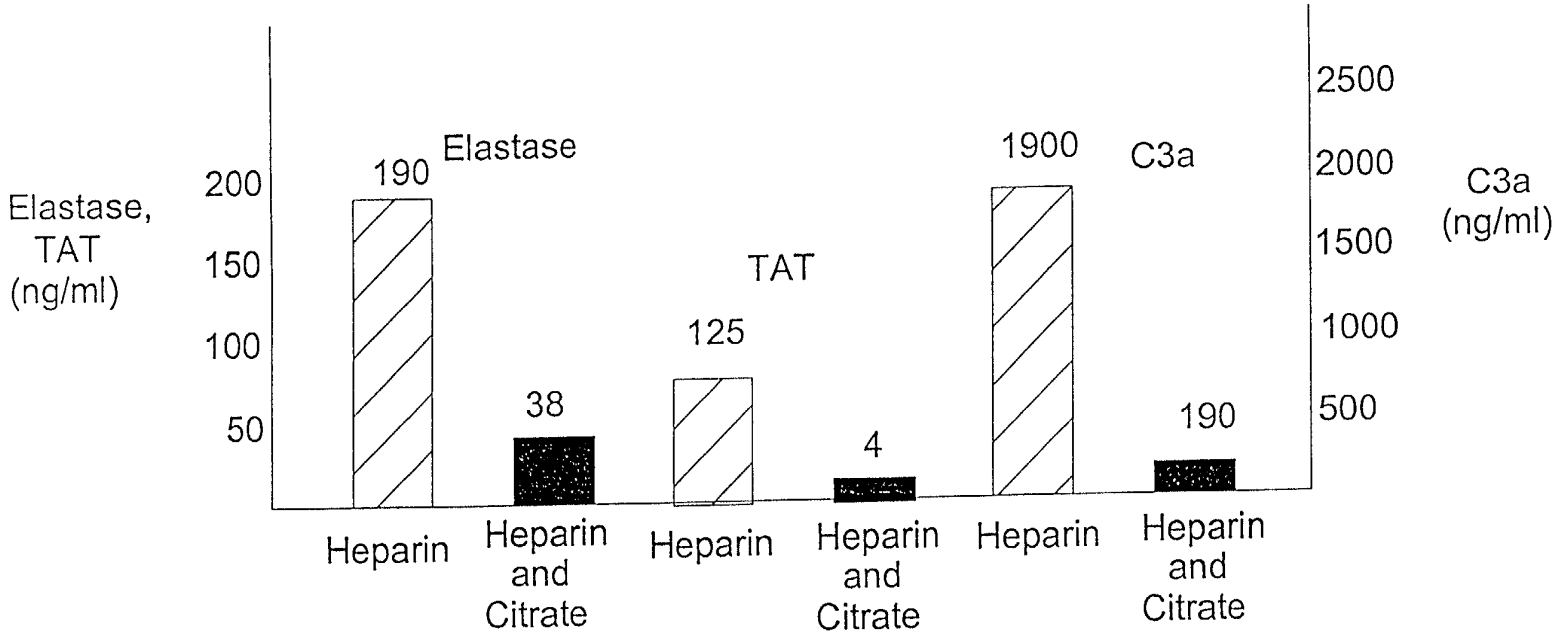

Elastase, TAT (ng/ml)
200
150
100
50
2500
2000
1500
1000
500
C3a (ng/ml)
190
Elastase
38
125
TAT
4
1900
C3a
190
Heparin
Heparin and Citrate
Heparin
Heparin and Citrate
Heparin
Heparin and Citrate

FIG. 23